

FIGURE 1

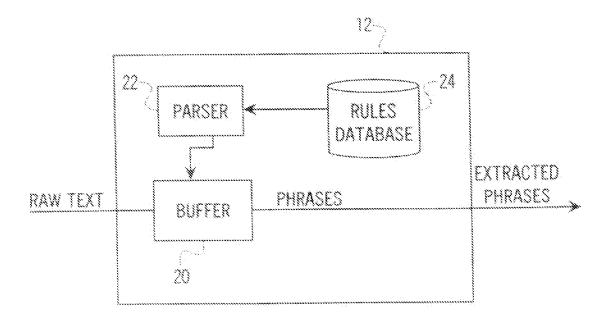


FIGURE 2

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System and Method for Parsing a Document
Claude Vogel
19/687,612
16438-010001

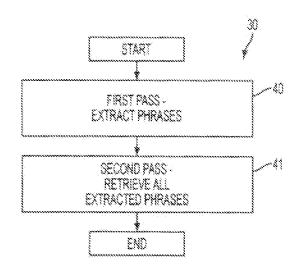


FIG. 3A

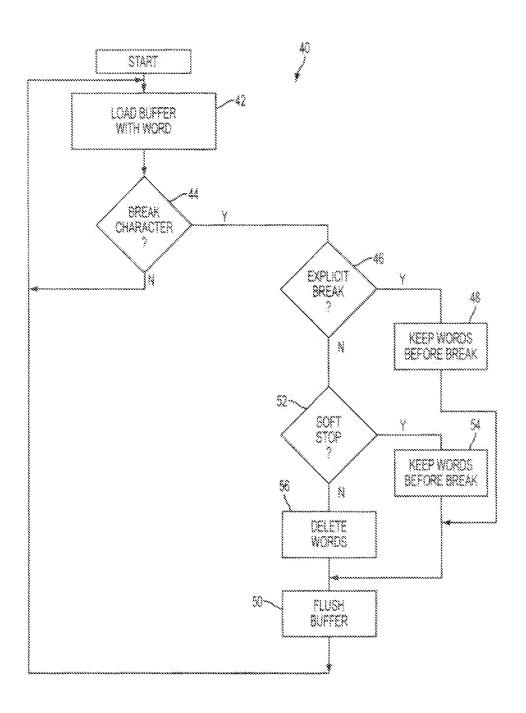


FIG. 3B

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REPLACEMENT SHEET

COMPUTER SELECT, OCTOBER 1995 COPYRIGHT NEWSBYTES INC. 1995

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NEWSBYTES

NEWSBYTES AUGUST 31, 1995 PNEW08310001

NEC DEVELOPS "SNAKE-LIKE" ROBOT.

AUTHOR

MARK, JEREMY

FULL TEXT

TOKYO, JAPAN, 1995 AUG 31 (NB) -- NEC CORPORATION HAS DEVELOPED A ROBOTICALLY CONTROLLED ELECTRIC SNAKE THAT OFFERS FAR MORE MOVEMENT THAN PREVIOUSLY DESIGNED ROBOTS. THE COMPANY SAYS THAT THE MUCH GREATER FREEDOM OF MOVEMENT "MAKES IT PERFECT" FOR EVERYTHING FROM INDUSTRIAL TO DISASTER RELIEF WORK. THE SECRET OF THE NEW DEVICE LIES IN A REVOLUTIONARY NEW TYPE OF UNIVERSAL JOINT. PREVIOUSLY JOINTS IN THE BODY OF ROBOT HAVE BEEN RESTRICTED TO MOVEMENT IN JUST ONE PLANE, EITHER LEFT AND RIGHT OR UP AND DOWN. BUT THE TOKYO-BASED COMPANY SAYS IT HAS SUCCEEDED IN DEVELOPING THE WORLD'S FIRST ACTIVE UNIVERSAL JOINT. CONTROLLED BY TWO MOTORS, THE JOINT ALLOWS FULL FREEDOM OF MOVEMENT IN ALL PLANES AT EACH OF THE SIX JOINTS ALONG THE ROBOT'S BODY, ALLOWING THE UNIT TO CRAW! INTO PLACES PREVIOUSLY INACCESSIBLE.

AT THE HEART OF THE ROBOT IS A COMPUTER PROCESSING UNIT THAT RECEIVES SIGNALS FROM THE OPERATOR'S HANDSET AND CONTROLS MOVEMENT. THE CONTROLLER CAN INSTRUCT THE COMPUTER TO CONTROL ALL THE JOINTS IN HARMONY OR SPECIFY INDIVIDUAL CONTROL OF EACH JOINT IF NECESSARY.

A VIDEO CAMERA AT THE HEAD OF THE ROBOT SENDS SIGNALS BACK TO THE OPERATOR WHO CAN USE THEM TO STEER THE UNIT AND ALSO TO EXAMINE PLACES INACCESSIBLE TO HUMANS.

THE ENTIRE DEVICE IS 1.4 METERS LONG AND MEASURES 42 MILLIMETERS IN DIAMETER. IT WEIGHS 4.6 KILOGRAMS.

THE AS YET UNNAMED DEVICE IS NOT YET COMMERCIALLY AVAILABLE, NEC'S MARK PEARCE TOLD NEWSBYTES. "IT WILL BE A COUPLE OF YEARS BEFORE EVERYTHING IS SORTED OUT AND IT'S READY TO BE SOLD. WE HAVE TO INCREASE THE SPEED AMONGST OTHER THINGS," HE SAID.

NEC SAYS TYPICAL APPLICATION FOR SUCH A ROBOT COULD BE INVESTIGATION OF COMPLEX PIPEWORK OR AS AN AID TO SEARCH TEAMS IN DISASTER HIT AREAS WHERE THE DEVICE COULD CRAWL THROUGH THE RUBBLE OF COLLAPSED BUILDINGS.

(MARTYN WILLIAMS/19950830/PRESS CONTACT: MARK PEARCE, NEC CORPORATION, TEL + 8 1 - 3 - 3 4 5 7 - 7 Z 4 9 , IN TER NET E-MAIL MAKU_10 - 22150@ALADDIN.NEC.CO.JP/NEC950831/PHOTO)

RECORD # 17 337 353

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		**		
.72	7,4	4.33	7,8	
	\mathbf{V}	₩		
WORD TYPE		•·····		~
			***************************************	4
cos ecc ses				***************************************
COMPUTER	COMPUTER			-
SELECT	COMPUTER SELECT			
SREAK	FLUSH	COMPUTER SELECT		
STOP	***************************************			7
BREAK	#*************************************	***************************************		~
STOP	+	,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	~~
Signatura de la comercia de la come	NEWSBYTES		***************************************	****
INC.	NEWSBYTES			7
BREAK	4 ingresional services and the services and the services are the services	NEWSBYTES INC.	BUSINESS MARKERS	

BREAK			· · · · · · · · · · · · · · · · · · ·	
NEWSBYTES	NEWSBYTES			
NEWSBYTES	NEWSBYTES NEWSBYTES			
tstop		REJECT		
BREAK				
BREAK				
BREAK			A comment of the second	
pMEW08310001	pNEW(883)(XX)		WORDS CONTAINING NUMBERS	
BREAK	FLOSH			
NEC	NEC			
ACTIVE VERB	FLUSH			
SNAKE-LIKE	SNAKE-LIKE			
ROBOT	SNAKE-LIKE			
	ROBOT			
BREAK	FLUSH	SNAKE-LIKE ROBOT		
AUTHOR	AUTHOR			
BREAK	FLUSH			
MARK	MARK			
BREAK	FLUSH			
JEREMY	JEREMY			
BREAK	FLUSH			
FULL	FULL			
TEXT	FULL TEXT			
BREAK	FLUSH	FULL TEXT		
	WORD TYPE BREAK COMPUTER SELECT BREAK STOP NEWSBYTES INC. BREAK BREAK	WORD TYPE SUFTER BREAK COMPUTER COMPUTER SELECT COMPUTER SELECT SELECT SREAK FLUSH STOP REWSBYTES NEWSBYTES INC. NEWSB	WORD TYPE BUFFER WORD INDEX BREAK COMPUTER COMPUTER SELECT SELECT SELECT SELECT STOP BREAK STOP NEWSBYTES INC,	WORD TYPE BUTER WORD INDEX COMMENTS BREAK COMPUTER COMPUTER SELECT SELECT BREAK FLUSH COMPUTER STOP BREAK STOP BREAK STOP REWSBYTES NEWSBYTES INC.

FIGURE 5A

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MORD READ	WORD TYPE	BUFFER	WORD INDEX	COMMENTS
	BREAK	FLUSH		· · · · · · · · · · · · · · · · · · ·
APAN	JAPAN	JAPAN	***************************************	
	BREAK	FLUSH		
395	BREAK		***************************************	***************************************
WG	STOP		**********	***************************************
[]	BREAK			<u> </u>
*****************	BREAK		<u> </u>	}
18	STOP	<u> </u>	, , , , , , , , , , , , , , , , , , , 	ļ
	BREAK		}	
	BREAK	,	·	<u> </u>
NEC	INEC	NEC	<u> </u>	
CORPORATION	CORPORATION	INEC	<u> </u>	}
036131 NAMES A 22613	wom warrion	CORPORATION		
	STOP	FLUSH	NEC CORPORATION	{:
3473	2104	it rossi	HEC CORPORESSON	
DEVELOPED	DEVELOPED	DEVELOPED		
A .	STOP	FLUSH		*
ROBOTICALLY	ROBOTICALLY	ROBOTICALLY		
CONTROLLED	CONTROLLED	ROBOTICALLY	******************************	
		CONTROLLED		
ELECTRONIC	ELECTRONIC	ROBOTICALLY	······································	
		CONTROLLED		
		ELECTRONIC		
SNAKE	SNAKE	ROBOTICALLY	ROBOTICALLY	}
ista istista ista	130,000	CONTROLLED	CONTROLLED	
		ELECTRONIC	ELECTRONIC	
		SNAKE	SNAKE	
THAT	STOP	FLUSH	100.000	ā
OFFERS	ACTIVE VERB		•••••••••••••••••••••••••••••••••••••••	
FAR	STOP	***************************************		
MORF	STOP	. . J 	·	·
MOVEMENT	MOVEMENT	MOVEMENT		·
THAT	STOP	FLUSH		·
PREVIOUSLY	PREVIOUSLY	PREVIOUSLY		
DESIGNED	DESIGNED	PREVIOUSLY		
cockorker vecto	New Comments	DESIGNED		4.
ROBOTS	bnaare			
W2003.2	ROBOTS	PREVIOUSLY		
		DESIGNED		
	(5) (5) (5) (5)	ROBOTS	120200000000000000000000000000000000000	
	BREAK	FLUSH	PREVIOUSLY	
			DESIGNED ROBOTS	÷
THE	STOP	<u> </u>		<u> </u>
COMPANY	COMPANY	COMPANY	•	
SAYS	STOP	FLUSH	·	
THAT	STOP		<u> </u>	
THE	STOP			

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WORD READ	WORD TYPE	BUFFER	WORD INDEX	COMMENTS
MUCH	STOP	***************************************		***************************************
GREATER	STOP		***************************************	<u> </u>
RELOOM	FREEDOM	FREEDOM	*	,
OF	CONNECTOR	FREEDOM OF		dimminimum minimum min
MOVEMENT	MOVEMENT	FREEDOM OF	•	
and the second		MOVEMENT		
MAKES	STOF	rwsh	FREEDOM OF MOVEMENT	
T	STOP		Transco de Araberta S	· · · · · · · · · · · · · · · · · · ·
PERFECT	PERFECT	PERFECT		***************************************
FOR	STOP	FLUSH	***************************************	
EVERYTHING	STOP	i con c		
FROM	STOP	***************************************		÷
INCUSTRIAL	INOUSTRIAL	INDUSTRIAL		
TO	STOP	f	*	
DISASTER	DISASTER	PLUSH		<u> </u>
RELIEF	RELIEF	DISASTER	<u> </u>	<u> </u>
	***************************************	DISASTER RELIEF		of communities and a second
WORK	W08K	DISASTER RELIEF WORK		
	BREAK	FLUSH	DISASTER RELIEF WORK	
THE	STOP			
SECRET	SECRET	SECRET		***************************************
OF.	COMMECTOR	SECRET OF		
THE	THE	SECRET OF THE		
MEM	MEW	SECRET OF THE NEW		
DEVICE	DEVICE	SECRET OF THE NEW DEVICE		
LIES	ACTIVE VERB	FLUSH	SECRET OF THE NEW DEVICE	
N	ISTOP	***************************************		
A	STOP	***************************************	***************************************	
REVOLUTIONARY	REVOLUTIONARY	REVOLUTIONARY		
NEW	WEW	REVOLUTIONARY NEW		
TYPE	TYPE	REVOLUTIONARY NEW TYPE		
OF	CONNECTOR	REVOLUTIONARY NEW TYPE OF		
UNIVERSAL	UNIVERSAL	REVOLUTIONARY NEW TYPE OF UNIVERSAL		
JOINT	JOHNT	REVOLUTIONARY NEW TYPE OF		
£	<u> </u>	UNIVERSAL JOINT	<u> </u>	

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Glaude Vogsl
09:687,612
16:838-010001

WORD READ	WORD TYPE	BUFFER	WORD INDEX	COMMENTS
	BREAK	FLUSH	REVOLUTIONARY NEW TYPE OF UNIVERSAL JOINT	
PREVIOUSLY	PREVIOUSLY	PREVIOUSLY		
JOINTS	ACTIVE VERB	FLUSH	***************************************	
N	STOP			
1)Æ	STOP			***************************************
300Y	800Y	800Y		<u> </u>
OF	CONNECTOR	OF	·	1
ROBOT	ROSOT	BODY OF ROBOT	1	
HAVE	STOP	FLUSH	BODY OF ROBOT	\$
BEEN	STOP		A CONTRACTOR OF THE PARTY OF TH	<u> </u>
RESTRICTED	RESTRICTED	RESTRICTED	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	<u> </u>
10	STOP	FLUSH		<u> </u>
MOVEMENT	MOVEMENT	MOVEMENT	·	
8	STOP	FLUSH	·	}
AST	STOP			***************************************
ONE	STOP	· 		·
PLANE	PLANE	PLANE		· · · · · · · · · · · · · · · · · · ·
	BREAK	FLUSH		********************************
EITHER	STOP			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
LET	EFI	TEFT		
ANO	CONNECTOR	TEFT AND		
RIGHT	RICHT	LEFT AND RIGHT	<u> </u>	<u> </u>
CSQ.	STOP	FLUSH	LEFT AND RIGHT	
N.P	STOP		(3,00 4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	diamana di
ANO	CONNECTOR	************************	·	
DOWN	STOP			
	BREAK		1	<u> </u>
801	ISTOP		<u> </u>	
THE	STOP			<u> </u>
TORYO BASED	TOKYO-BASED	TOKYO-BASED		***************************************
COMPANY	COMPANY	FLUSH COMPANY		
SAYS	STOP	FLUSH	•	}
	STOP			·
HAS	STOP		***	·•
SUCCELIED	SUCCEEDED	SUCCEEDED	·	
#K	STOP	FLUSH	······	
DEVELOPING	DEVELOPING	DEVELOPING		
THE	STOP	ELUSH		
MOSTO.2	WORLD'S	WORLD'S		·
EIRST	FIRST	WORLD'S FIRST	-	

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YORD READ	WORD TYPE	BUFFER	WORD INDEX	COMMENTS
CTIVE	ACTIVE	WORLD'S FIRST	***************************************	
82 C C S S S		ACTIVE		
NIVERSAL	UNIVERSAL	WORLD'S FIRST		
		ACTIVE UNIVERSAL		
OINT	COINT	WORLD'S FIRST		
		ACTIVE UNIVERSAL		
		JOINT		
·····	BREAK	FLUCH	WORLD'S FIRST	
			ACTIVE	
	No.		UNIVERSAL JOIN	
		, in the second	1	·
CONTROLLED	CONTROLLED	CONTROLLED		
BY	STOP	FLUSH		
TWO	STOP			
MOTORS	MOTORS	MOTORS		
	BREAK	FLUSH		
THE	STOP			
JOHT	JOINT	JOINT		
ALLOWS	ACTIVE VERB	FLUSH		
FULL	FULL	FULL		
FREEDOM	FREEDOM	FULL FREEDOM		
OF	CONNECTOR	FULL FREEDOM		
		OF		
MOVEMENT	MOVEMENT	FULL FREEDOM		
		OF MOVEMENT		
(3)	STOP	FLUSH	FULL FREEDOM	
			OF MOVEMENT	
ALL	STOP			
PLANES	ACTIVE YEAR			
AT	STOP			
EACH	STOP	in the second		
OF	CONNECTOR			
THE	THE			
SIX	[\$T0P			
OINTS	ACTIVE YERB			
ALONG	STOP			
THE	STOP			
ROBOTS	ROBOT'S	ROBUTS		
800Y	8007	ROBOT'S BODY		
	8REAK	FLUSH	<u> </u>	X
ALLOWING	ALLOWING	ALLOWING		
THE	\$109	FLUSH		
UNIT	UNIT	UNIT		
10	STOP	FLUSH		
CRAWL	CRAWL	CRAWL		

FIGURE 5E

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REPLACEMENT SHEET

WORD READ	WORD TYPE	SUFFER	WORD INDEX	COMMENTS
NTO	STOP	PLUSH	***************************************	
PLACES	ACTIVE YERB	*************	***************************************	····
PREVIOUSLY	PREVIOUSLY	PREVIOUSLY		***************************************
NACCESSIBLE	INACCESSIBLE	PREVIOUSLY		***************************************
		INACCESSIBLE		
	BREAK	FLUSH	PREVIOUSLY	•••
•		The second second	INACCESSIBLE	
AY	STOP	***************************************	THE OF SOURCE CONTROL OF SOURCE	
18K	STOP			
HEART	HEART	HEART		
OF	CONNECTOR	HEART OF	}	
THE	13:6		ļ	
ROBOT	ROBOT	HEART OF THE	<u> </u>	inf
110001	nvevi	HEART OF THE		
13	-toros	ROBOT	l Boxxox xx *xx	
1.3	STOP	FLUSIF	HEART OF THE	******
	leven		įROBOT	
A Luggeneene	STOP		<u></u>	
COMPUTER	COMPUTER	COMPUTER		
PROCESSING	PROCESSING	COMPUTER		
		IPROCESSING		
UNIT	UNIT	COMPUTER		
		PROCESSING UNIT		
THAT	STOP	FLUSH	COMPUTER	
			PROCESSING	
	- 3		UNIT	
RECEIVES	ACTIVE VERB			***************************************
SIGNALS	SIGNALS	SIGNALS	***************************************	***************************************
FROM	ST08	FLUSH	***************************************	
THE	STOP			
OPERATOR'S	OPERATOR'S	OPERATOR'S		······································
HANOSET	HANDSET	OPERATOR'S	<u> </u>	
		HANDSET		
ANO	CONNECTOR	OPERATOR'S		
		HANDSET AND		
CONTROLS	ACTIVE VERB	191.USH	OPERATOR'S	
war chara	Continue sense	11.0003		
MOVEMENT	MOVEMENT	Secure sect	HANOSET	
10670 6 7 10617 14 1		MOVEMENT	·	
*) (3'	BREAK	TLT R2H	}	
THE CONTROLLER	STOP		ļ	
CONTROLLER	CONTROLLER	CONTROLLER	<u> </u>	
CAR	STOP	FLUCH	•	
INSTRUCT	INSTRUCT	INSTRUCT		
THE	STOP			***
COMPUTER	COMPUTER	COMPUTER	i	
10	STOP	RUSH		
CONTROL	CONTROL	CONTROL		***************************************

FIGURE 5F

REPLACEMENT SHEET

VORO PEAD	WORD TYPE	BUFFER	WORD INDEX	COMMENTS	
<u></u>	STOP	FLUSH			
HE	STOP				
OINTS	ACTIVE VERB				
N	STOP			<u> </u>	
HARMONY	HARMONY	HARMONY			
38	STOP	FLUSH			
SPECIFY	SPECIFY	SPECIFY			
NOIVIOUAL	INDIVIDUAL	INDIVIDUAL			
CONTROL	CONTROL	INDIVIDUAL CONTROL			
OF	CONNECTOR	INDIVIDUAL CONTROL OF			
EACH	STOP	FLUSH	INDIVIDUAL CONTROL		
JOINT	JOINT	JOINT		mile and the second	
(F	STOP	FLUSH			
NECESSARY	NECESSARY	MECESSARY			
· · · · · · · · · · · · · · · · · · ·	BREAK	FLUSH			
A	STOP				****************
VIDEO	VIDEO	VIDED			
CAMERA	CAMERA	VIDEO CAMERA			***********
AT	STOP	FLUSH	VIDEO CAMERA		
THE	STOP				
HEAO	HEAD	HEAD			
OF	CONNECTOR	HEAD OF			
THE	THE	HEAD OF THE			erininasion,
ROBOT	R080T	HEAD OF THE ROBOT			
SENOS	ACTIVE VERB	FLUSH	HEAD OF THE ROBOT		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
SIGNALS	SIGNALS	SIGNALS			
8ACK	STOP	FLUSH			
TO	STOP				
THE	STOP				
OPERATOR	OPERATOR	OPERATOR			
WHO	STOP	FLUSH			
WHO CAN USE THEM	\$10P \$10P				
USE	STOP				
THEM	STOP STOP				
110	STOP				
TO STEER THE UNIT AND ALSO	STOP	STEER			
THE	STOP	FLUSH			
Tiskit	UNIT	UNIT			
88388	CONNECTOR	UNIT AND		in a diamental designation of the second of	***************************************
(MINE)	STOP	FLUSH			
- IACOV	STOP	CONTROL			**********

FIGURE 5G

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CRO READ	WORD TYPE	BUFFER	word index	COMMENTS
XAMINE	EXAMINE	EXAMINE		
LACES	ACTIVE YERB	FLUSH		
MCCESSIBLE	NACCESSIBLE	INACCESSIBLE		}
0	STOP	FLUSH		
UMANS	HUMANS	ZMAMUH		
******	BREAK	FLUSH	***************************************	
HE	STOP		***************************************	
NTIRE	ENTIRE	ENTIRE		
EVICE	DEVICE	ENTIRE DEVICE		
8	TSTOP	FLUSH	ENTIRE DEVICE	
	BREAK	Acia, da la caractera de la ca		
***************************************	IBREAK	·		
	STOP			
AETERS	ACTIVE VERB			
.0%0	LONG	LONG		
000	CONNECTOR	LONG AND		
MEASURES	ACTIVE VERB	FLUSH		
13 13	SREAK			
AILLIMETERS	MILLIMETERS	MILLIMETERS		
8	STOP	FLUSH		
DIAMETER	DIAMETER	CHAMETER	***************************************	
2. 15 N 2. 18 2 180 5	BREAK	FLUSH		
: II	STOP		<u> </u>	Minimum and a second
NEIGHS	WEIGHS	WEIGHS		
**************************************	BREAK	TFI.USH	************	· · · · · · · · · · · · · · · · · · ·
	BREAK	E.P. T.III.	·	
6	BREAK		***************************************	
KILOGRAMS	KILOGRAMS	KILOGRAMS		
	SREAK	FLUSH		
THE	STOP		***************************************	
AS-YET	AS-YET	AS-YET		
UNNAMED	UNNAMED	AS-YET UNNAMED	3.	
DEVICE	DEVICE	AS-YET UNNAMES	}	
		DEVICE		
18	STOP	FLUSH	TAS-YET	
***			UNNAMED	
			DEVICE	
NOT	S109			
YET	STOP			
COMMERCIALL		Y COMMERCIALLY		
AVAILABLE	AVARABLE	COMMERCIALLY		
MYMERDEE	MANNE	AVAILABLE		
<u> </u>	BREAR	FUSH	COMMERCIALL	¥ }
100	emems	Lengon	AVAILABLE	3

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WORD READ	WORD TYPE	i :	word index	COMMENTS
4EC 2	NEC'S	NEC'S	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	***************************************
MARK	MARK	NEC'S MARK	***********	***************************************
EARCE	PEARCE	NEC'S MARK	NEC'S MARK	
		PEARCE	PEARCE	
rolo	ACTIVE VERHE	FLUSH TOLD		·····
	(PAST TENSE)	The state of the s		
NEWSBYTES	NEWSBYTES	FLUSH		
	100000000000000000000000000000000000000	NEWSBYTES		*
	BREAK	IFLUSH		
***************************************	STOP	3, 09633		
WHLL	STOP			impainemminiminimini
SE	STOP			
A.	STOP			
COUPLE	******	i access r		
	COUPLE	COUPLE		
08 vera en	CONNECTOR	COUPLE OF	<u>}</u>	
YEARS	YEARS	COUPLE OF YEARS		
BEFORE	STOP	FLUSH	COUPLE OF	
			YEARS	
EVERYTHING	STOP			
IS	STOP			
SORTED	SORTED	SORTED		***************************************
OUT	STOP	FLUSH		
AND	CONNECTOR			
17.8	STOP		*	
READY	READY	READY		
70	STOP	FLUSH		
BE	STOP		***************************************	
SOLD	SOLD	SOLD	}	
	BREAK	FLUSH	3	
WE	STOP	···· de constitue de la consti	***************************************	
HAVE	STOP			
TO	STOP	***************************************		
INCREASE	NCREASE	INCREASE		
THE	STOP	FLUSH	-	
SPEED	SPEED	SPEED		
AMONGST	STOP	FUSH	4	
AMONGST OTHER	STOP STOP		+	
THINGS	THINGS	THINGS		
	BREAK	FLUSH		
B	STOP	15 Crosse	<u> </u>	
HE SAID		<u> </u>		
W1134	ISTOP OSEAV			
(s. (8)\$95	BREAK	1625	<u> </u>	
NEC	NEC	NEC		
SAYS	STOP	FLUSH	ļ	
TYPICAL	TYPICAL	TYPICAL		

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16438-010001

WORD READ	WORD TYPE	BUFFER	WORD INDEX	COMMENTS
PPLICATIONS	APPLICATIONS	TYPICAL APPLICATIONS		
TOR	STOP	FLUSH	TYPICAL APPLICATIONS	
NOH.	STOP		************************	
	STOP			
(080)	ROBOT	ROBOT		
XVILD	STOP	FLUSH		
X.	STOP		***************************************	***************************************
NVESTIGATION	INVESTIGATION	INVESTIGATION		
)¥	CONNECTOR	INVESTIGATION OF		
COMPLEX	COMPLEX	INVESTIGATION OF COMPLEX		
PIPEWORK	PIPEWORK	INVESTIGATION OF COMPLEX PIPEWORK		
OR .	STOP	FLUSH	INVESTIGATION OF COMPLEX PIPEWORK	
A5	STOP			
AN	STOP			
AID	AID	AID		
70	STOP	FLUSH		
SEARCH	SEARCH	SEARCH		
TEAMS	ACTIVE VERB	FLUSH	***************************************	
IN .	STOP			
DISASTER	DISASTER	DISASTER		
HI	HIT	DISASTER HIT		
AREAS	AREAS	DISASTER HIT AREAS		
WHERE	STOP	FLUSH	DISASTER HIT AREAS	
THE	STOP			
DEVICE	DEVICE	DEVICE		
COULD	STOP	FLUSH		
CRAWL	CRAWL	CRAWL		
THROUGH	STOP	FLUSH	***************************************	
THE	STOP			
RUBBLE	RUBBLE	RUBBLE		
OF	CONNECTOR	RUBBLE OF		
COLLAPSED	COLLAPSED	RUBBLE OF COLLAPSED		

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Cleade Vogel
697687,612
16438-016501

REPLACEMENT SHEET

VORD READ	WORD TYPE	BUFFER	WORD INDEX	COMMENTS
RUILDINGS	BUILDINGS	RUBBLE OF		
		COLLAPSED		with the second
		BUILDINGS		
			RUBBLE OF	
	Section of the		COLLAPSED	
		3	BUILDINGS	
(BREAK		indialitica in the second	
MARTYN	MARTYN	MARTYN		
	WILLIAMS/19950		MARTYN	WORDS CONTAINING NUMBERS
830/PRESS		WILLIAMS/199508		
SOME S. CHOOSE	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	\$	30/PRESS	
CONTACT	CONTACT	FLUSH CONTACT	COLOR DE STERNING CONTRACTOR DE COLOR D	
Constanting	BREAK	FLUSH	***************************************	
MARK	MARK	MARK		
	PEARCE	MARK PEARCE		
PEARCE	BREAK	FLUSH	MARK PEARCE	
E	Acres and the second	NEC	moster i control	
MEC	NEC	***************************************		
CORPORATION	CORPORATION	NEC		
	Toners or	CORPORATION	Liro.	
y	BREAK	FLUSH	NEC CORPORATION	
TEL	STOP			
+81-3-3798-6511	BREAK			
	BREAK			
FAX	STOP			
+81-3-3497-7249				
	BREAK			
INTERNET	INTERNET	INTERNET		
E-MAIL	STOP	FLUSH		
MAKU 10-	MAKU 10	MAKU 10	······································	WORDS CONTAINING NUMBERS
		22150@ALADDIN		WORDS CONTAINING INTERNET CODES
	BREAK	FLUSH		
NEC	MEC	NEC		
Property of the same of the sa	BREAK	FUUSH		
100	CO	CO	***************************************	
55X	BREAK	FLUSH		
JP/NEC2508317		P (JP/NEC950831/P1		WORDS CONTAINING NUMBERS
HOTO	HOTO	010		
18010	BREAK	FLUSH		
\		15 C.35 C.35 C.	a januari	
العف فالمعمولا فالمراجع ببعيد مديد	BREAK			

FIGURE 5K

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WORD READ	WORD TYPE	SUFFER	WORD INDEX	COMMENTS
RECORD	RECORD	RECORD		
#	BREAK	FLUSH		
[17	(BKLAN			
(337	BREAK		· · · · · · · · · · · · · · · · · · ·	
353	BREAK	ì		

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REPLACEMENT SHEET

第1部 環境行政の課題と展開

第1節 環境行政の環状と課題

大量主要と大量の機に基立へも日の社会経済システムは、人々の色達な生活を支える一方で、エネルギーの消費と扱いまって、全年保持達成人も含うべき、地球高速社会はは文文する様々の業済可能を引き続いす結果をもたらいた。また、本理においても、都市中に同じ、総議の小質主要や自動場は土力フによる大気が必定の都市・主活型公園が概定化しているほか、近年、こみの機動に供い発生するタイキャン/操や動たは環境ホルモンの問題、実施物態能とリアイクル対象など、定題ノは対抗ならない課題が生じてきている。
一方、人々の機動動が多様化は、生活が質性より重視する時代へと変化してきていることから、最かな主活環境や自然とのようなが、の業分と、心を与く、より質の高い地域環境の保全・動造が定められている。
こまたに総り環境の間に適切に対応するためには、総合がな現点に立って、各種指標を計画的に、また、業実に進めることが必要となっている。

有害化学物質による環境活象の新止

・ 物質に子物素による解析、学校・使用されるとは物質は多種にわたり、また、その物に物質も多様的している。そうに、タイティン・多とと対象であた。生物に生物するそのもあり、有能に子が質による影響を多なへの対応が大きな課題となっている。 をたって表のと思く理解は、大気・水・上端・生物等を構成要素として成り立っているが、生産、使用、皮質等の名称物で終 されるに対象は、これらの要素が原を解析することになる。これが、基準のであるでき速して、人間はそよりあらゆる生物 が終っのとは物質にどもされているが、一部のと学物質については、様のである様とでも生物に影響を及ぼするそれがある。

の1983年の19日本で製し土から1933年のの、一部の195年で製造し入りには、機の1938年度で立て的に影響を必須するですの参加 に他かかからす。その有価性の程度はもとより、大気・水・土壌等機関中での影響には、ての49年等30年ほのずした十分と (1)、後にはある。 特に、関係かりモンと呼ばれる化学物質については、関に対いて設金研究が特に致いた影響であり、準備かりモンとして 19分泌機長19日の経われている約10の物質についてする。人類を13人的野主生物等に対する作用のメリロズムは未解明 である。また、多くの化学物質について、その複像への修出量や複複物等としての移動度はどの複雑は、ほど把握されて 、72、725 PO PO TO 6.

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FIG. 7